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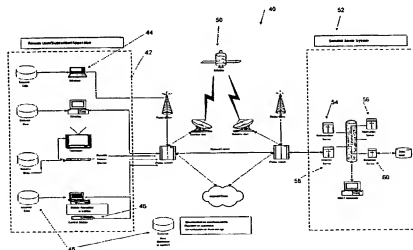
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(54) Title: SECURE DISTRIBUTING SERVICES NETWORK SYSTEM AND METHOD THEREOF



(57) Abstract: A persistent data control system and method of securely distributing data on a network includes the steps of providing an encoded file of a single file type having a plurality of file control fields, the file having at least one data type, and incorporating at least one encoded use right and/or access right into one of the control fields of the at least one data type. The persistent data control method is performed at an application level, and is capable of being embedded in an application which originates the at least one data type or called by an application. The persistent data control method further comprises the steps of decoding the plurality of file control fields including the file control fields for the encoded use right and/or access right, decoding the at least one data type in accordance with the access right, and rendering the decoded data type in accordance with the decoded use and access right.

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# INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G06F1/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
Y	EP 0 778 512 A (SUN MICROSYSTEMS INC) 11 June 1997 (1997-06-11) abstract column 6, line 27 -column 13, line 57 figures 1-6 ---	1-20
Y	EP 0 715 247 A (XEROX CORP) 5 June 1996 (1996-06-05) abstract page 3, line 44 -page 7, line 22 figures 5-10 ---	1-20
A	US 5 765 152 A (ERICKSON JOHN S) 9 June 1998 (1998-06-09) abstract column 10, line 40 -column 27, line 24 figures 1,1A --- -/--	1-20

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>US 5 883 955 A (RONNING JOEL A)  16 March 1999 (1999-03-16)  abstract  column 3, line 22 -column 6, line 11  figure 4A</p> <p style="text-align: center;">-----</p>	1-20

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0778512	A	11-06-1997	US 5708709 A EP 0778512 A2 JP 9288575 A	13-01-1998 11-06-1997 04-11-1997
EP 0715247	A	05-06-1996	EP 0715247 A1 JP 8263438 A US 2001023417 A1 US 2001010045 A1 US 2001014882 A1 US 6236971 B1	05-06-1996 11-10-1996 20-09-2001 26-07-2001 16-08-2001 22-05-2001
US 5765152	A	09-06-1998	AU 7662496 A WO 9714087 A1	30-04-1997 17-04-1997
US 5883955	A	16-03-1999	NONE	